Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Air Force											Date: March 2023	
Appropriation/Budget Activity 3620F: *Research, Development, Test & Evaluation, Space Force I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*					R-1 Program Element (Number/Name) PE 1203010SF *I Space Force IT, Data Analytics, Digital Solutions*							
COST ($ in Millions)	**Prior Years**	**FY 2022**	**FY 2023**	**FY 2024 Base**	**FY 2024 OCO**	**FY 2024 Total**	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**Cost To Complete**	**Total Cost**
Total Program Element	-	0.000	0.000	61.723	0.000	61.723	62.312	57.088	57.587	58.934	Continuing	Continuing
645620: *Digital Engineering*	-	0.000	0.000	40.815	0.000	40.815	40.967	35.294	35.332	36.211	Continuing	Continuing
646017: *SSC Developmental IT Infrastructure*	-	0.000	0.000	20.908	0.000	20.908	21.345	21.794	22.255	22.723	Continuing	Continuing

Note

In FY 2024, PE 1206427S, Space Systems Prototype Transitions (SSPT), Project 645601, Digital Engineering Interconnected, Cloud-based Ecosystem (DEICE) Tech Stack, was transferred to PE 1203010SF, Space Force IT, Data Analysis, Digital Solutions, Project 645620, Digital Engineering, to consolidate Space Force digital engineering efforts. It is not a New Start.

In FY 2024, 20.814M was transferred from all Space Systems Command (SSC) program elements to PE 1203010SF, Space Force IT, Data Analysis, Digital Solutions, Project 646017, SSC Developmental IT Infrastructure, for SSC Chief Information Office Headquarters functions and integrated cybersecurity. It is not a New Start.

A. Mission Description and Budget Item Justification

This program investigates, develops, and analyzes space related capabilities to digitize the Space Domain Awareness and Protect and Defend portfolios to promote further efficiency and speed. It will conduct a wide array of activities to model, integrate, and test existing and future capabilities through a Multi-Level Security (MLS) Architecture. It will provide a pathway for data integration with various Authoritative Sources of Truth (ASOT) and Single Sources of Truth (SSOT). The supported activities include: system engineering, data engineering, data science, prototype mock up, demonstrations and testing, as well as modeling simulations and analysis related to Space Domain Awareness and Protect Defend capabilities through highly complex Space Command and Control (C2) systems traceable to a Digital Engineering Interconnected, Cloud-based Ecosystem (DEICE) Tech Stack. Expanding the appropriate acquisition authorities and contract mechanisms to deliver capabilities sooner, Space Systems Command (SSC) will strategically execute experimentation, prototyping, risk reduction, and other efforts to develop new or repurpose existing capabilities. This includes the development and prototyping of critical technology within the Department of Defense (DoD) across other government agencies, academic institutions, and industry partners that are identified providing foundational systems engineering to enable critical infrastructure. Digital Engineering (DE) helps create models to represent all aspects of the system and to support all the activities for the design, development, manufacture, and operation of the system throughout its lifecycle; therefore reducing overall sustainment that would have been endured. This project directly supports Space Domain Awareness (SDA) and Protect and Defend models expected to be utilized in organizations such as the National Space Test and Training Center (NSTTC) and USSF Test and Evaluation (TE). The data transport layer and cross domain layers will further be expanded and greater capability for synchronous Command and Control (C2).

DEICE Tech Stack prototypes and develops the Space Force Digital Engineering Ecosystem (DEE) as a cloud-based, remotely accessible, multilevel security, interconnected infrastructure, providing the technical methodology used to store, access, analyze, and visualize evolving systems' data and models throughout systems' acquisition lifecycles.

Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Air Force	Date: March 2023
Appropriation/Budget Activity 3620F: *Research, Development, Test & Evaluation, Space Force I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 Program Element (Number/Name)** PE 1203010SF *I Space Force IT, Data Analytics, Digital Solutions*

Funding will investigate, develop, and analyze USSF-unique research via studies/grants/partnerships to promote further efficiency and speed using industry, academia, international and other government agencies. This funding is required to serve Chief of Space Operations priority efforts to innovate and experiment to build and agile force that better ensures our long-term competitive advantage in space. These efforts promote competition between various research organizations (e.g. laboratories, FFRDCs, etc) to advance critical research for contested space operations.

SSC Developmental IT Infrastructure supports information technology (IT), cybersecurity, software, data and network modernization. Information Technology provides customers proper tools needed to accomplish their mission. These tools enhance customer collaboration, end-user experience, exploration and integration amongst our mission partners and industry. SSC Developmental IT Infrastructure cybersecurity helps assess technical risks associated with use, by understanding the System and Enterprise-level risks posed by threats based on deployment and gathered intelligence. The software sector aims to bring Software Agile best practices as mainstream into acquisition; it also enables Platform and Infrastructure at scale based on mission thread needs. The SSC Developmental IT infrastructure provides deliberate data exposure and "normalizes" the data to make it meaningful and useful for any business or mission use case that desires to exploit it. The network modernization improves and optimizes administrative/mission networks and end-user experiences across several enclaves. The SSC Developmental IT Infrastructure also furnishes internal management of requirements, funding, contract actions, and PM support/training relating to the SSC Chief Information Office.

Space acquisition must respond with speed and agility to emerging adversary threats. SSC has transformed the organization and implementation of space acquisition to an enterprise approach, to increase innovation and resiliency, leveraging international, commercial, and mission partnerships, and managing program/project priorities according to an integrated unclassified/classified enterprise space architecture. Cross mission integration is essential to ensure existing and future systems are capable of digital processing and technologies.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver DE system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 1206392SF and 1206398SF.

This program element may include necessary support required to ensure a cyber-secure and resilient IT infrastructure.

This effort is in Budget Activity 4, Advanced Component Development and Prototypes (ACD&P), because efforts are necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment.

Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Air Force					Date: March 2023
Appropriation/Budget Activity 3620F: *Research, Development, Test & Evaluation, Space Force I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*			R-1 Program Element (Number/Name) PE 1203010SF *I Space Force IT, Data Analytics, Digital Solutions*		
B. Program Change Summary ($ in Millions)	**FY 2022**	**FY 2023**	**FY 2024 Base**	**FY 2024 OCO**	**FY 2024 Total**
Previous President's Budget	0.000	0.000	0.000	0.000	0.000
Current President's Budget	0.000	0.000	61.723	0.000	61.723
Total Adjustments	0.000	0.000	61.723	0.000	61.723
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	61.723	0.000	61.723

Change Summary Explanation

FY 2024: +35.832M for consolidation and increase of Digital Engineering efforts into a standalone BPAC

FY 2024: +4.800M to realign Science, Technology, and Research (STR) directorate activities funding from APPN 3410, PE 1209398SF (SAG 42A), to the Service-wide IT, Data Analytics, and Digital Solutions PE

FY 2024: +20.814 transferred to consolidate funding for SSC Chief Information Office Headquarters functions and integrated cybersecurity

FY 2024: +1.216M inflation increase for non-pay and non-fuel purchases.

Exhibit R-2A, RDT&E Project Justification: PB 2024 Air Force			Date: March 2023
Appropriation/Budget Activity 3620F / 4	R-1 Program Element (Number/Name) PE 1203010SF / *Space Force IT, Data Analytics, Digital Solutions*	Project (Number/Name) 645620 / *Digital Engineering*	

COST ($ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
645620: *Digital Engineering*	-	0.000	0.000	40.815	0.000	40.815	40.967	35.294	35.332	36.211	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY 2024, PE 1206427S, Space Systems Prototype Transitions (SSPT), Project 645601, Digital Engineering Interconnected, Cloud-based Ecosystem (DEICE) Tech Stack, was transferred to PE 1203010SF, Space Force IT, Data Analysis, Digital Solutions, Project 645620, Digital Engineering, to consolidate Space Force digital engineering efforts. It is not a New Start.

A. Mission Description and Budget Item Justification

This program investigates, develops, and analyzes space related capabilities to digitize the Space Domain Awareness and Protect and Defend portfolios to promote further efficiency and speed. It will conduct a wide array of activities to model, integrate, and test existing and future capabilities through a MLS Architecture. It will provide a pathway for data integration with various ASOT and SSOT. The supported activities include: system engineering, data engineering, data science, prototype mock up, demonstrations and testing, as well as modeling simulations and analysis related to Space Domain Awareness and Protect Defend capabilities through highly complex Space C2 systems traceable to a DEICE Tech Stack. Expanding the appropriate acquisition authorities and contract mechanisms to deliver capability sooner, SSC will strategically execute experimentation, prototyping, risk reduction, and other efforts to develop new or repurpose existing capabilities. This includes the development and prototyping of critical technology within the DoD across other government agencies, academic institutions, and industry partners that are identified providing foundational systems engineering to enable critical infrastructure. DE helps create models to represent all aspects of the system and to support all the activities for the design, development, manufacture, and operation of the system throughout its lifecycle; therefore reducing overall sustainment that would have been endured. This project directly supports SDA and Protect and Defend models expected to be utilized in organizations such as the NSTTC and USSF TE. The data transport layer and cross domain layers will further be expanded and greater capability for synchronous C2.

DEICE Teck Stack Prototypes and develops the Space Force DEE as a cloud-based, remotely accessible, multilevel security, interconnected infrastructure, providing the technical methodology used to store, access, analyze, and visualize evolving systems' data and models throughout systems' acquisition lifecycles.

Funding will investigate, develop, and analyze USSF-unique research via studies/grants/partnerships to promote further efficiency and speed using industry, academia, international and other government agencies. This funding is required to serve Chief of Space Operations priority efforts to innovate and experiment to build and agile force that better ensures our long-term competitive advantage in space. These efforts promote competition between various research organizations (e.g. laboratories, FFRDCs, etc) to advance critical research for contested space operations.

Space acquisition must respond with speed and agility to emerging adversary threats. SSC has transformed the organization and implementation of space acquisition to an enterprise approach, to increase innovation and resiliency, leveraging international, commercial, and mission partnerships, and managing program/project priorities according to an integrated unclassified/classified enterprise space architecture. Cross mission integration is essential to ensure existing and future systems are capable of digital processing and technologies.

Exhibit R-2A, RDT&E Project Justification: PB 2024 Air Force		Date: March 2023
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1203010SF / *Space Force IT, Data Analytics, Digital Solutions*	**Project (Number/Name)** 645620 / *Digital Engineering*

This program element may include necessary civilian pay expenses required to manage, execute, and deliver DE system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 1206392SF and 1206398SF.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
Title: Digital Engineering Integration	-	0.000	35.993

Description: DE MLS integration is the aggregation of multiple ASOT, SSOT driving toward improvements MLS layers throughout the Space Domain Awareness and Protect and Defend portfolios. This integration efforts enable space data transport layers and will support creation of computer readable models to represent all aspects of the system and to support all the activities for the design, development, manufacture, and operation of the system throughout its lifecycle. DE will lead to greater efficiency and improved quality of all the acquisition activities.

FY 2023 Plans:
N/A

FY 2024 Plans:
Leverage existing contract vehicles for awarding Other Transaction Authority (OTA) and select Small Business Innovation Research (SBIR) Phase III contracts enabling Digital Engineering and Integration Test infrastructure that allow for DEE assessments. Prototype, develop, test and establish the Space Force Digital Engineering as a Service (DEaaS) Environments hosted on Hybrid cloud platform for cloud-computing and database storage (compute & store) via SpaceDEN.

Develop and test the minimum viable product (MVP) for DEaaS by providing prototypes/demos using digital engineering tools and collaboration work spaces for the architects and systems engineers of the initial programs enabling Space System Integration activities and synergies with existing and evolving space force programs.

Continue development, integration and testing of DEaaS with Integration Execution activities and MLS tests. These tests will update the Government Reference Architecture (GRA) for SpaceDEN Environments with acquisition and operational databases, and add additional programs into the DEaaS Environment from across SSC.

Implement Integration and Operational practices for system monitoring and security procedures. Ensure Security accreditation for MLS infrastructure.

Additionally, FY 2024 funding will allow the program to continue implementing DE resiliency and situational awareness necessary to operate in the contested space domain. Activities may include, but are not limited to: studies, technical analysis, risk reduction

Exhibit R-2A, RDT&E Project Justification: PB 2024 Air Force		Date: March 2023
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1203010SF / *Space Force IT, Data Analytics, Digital Solutions*	**Project (Number/Name)** 645620 / *Digital Engineering*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
experiments and prototyping, integration and test of C2, resiliency measures and mission partner interfaces, space test/combat range events, and office support etc. ***FY 2023 to FY 2024 Increase/Decrease Statement:*** FY 2024 increased due to transfer of PE 1206427S, SSPT, Project 645601, DEICE Tech Stack into this program.			
Title: Science, Technology, and Research Studies ***Description:*** Funds research and studies on critical technology and international efforts to prevent strategic surprise while addressing Space Force current and emerging challenges in the space domain. ***FY 2023 Plans:*** N/A ***FY 2024 Plans:*** Partner with Massachusetts Institute of Technology (MIT) Artificial Intelligence (AI) Accelerator to fund six graduate scholars and one support contractor at MIT to advance artificial intelligence integration into Space Domain Awareness. Further, additional technical studies and research investigations will be accomplished based on findings from Space Futures workshops, Center for Naval Analysis reports, and other sources which drive competition between government and FFRDC organizations to provide additional insights into resilient and assured space capabilities. ***FY 2023 to FY 2024 Increase/Decrease Statement:*** FY 2024 increased due to capturing proper appropriations for Science, Technology and Research (STR) directorate activities from HQ USSF Program Element to this program element and BPAC.	-	0.000	4.822
Accomplishments/Planned Programs Subtotals	-	0.000	40.815

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

All contracts funded in this program element will be awarded using competitive procedures to the maximum extent possible. There will be numerous projects in which the program office will leverage rapid prototyping authorities to the maximum degree possible. The acquisition strategy is in coordination to leverage mission partners' platforms which are expected to be competitively awarded. Contract award is expected in FY 2024. For the DEICE Tech Stack effort, Space Force plans to employ agile software development practices and techniques, such as flexible requirements, frequent user interaction, and rapid delivery. The program will acquire tools and capabilities through an agile-based Rapid Delivery Framework that: develops, integrates, and delivers new features and capabilities through 180-day

Exhibit R-2A, RDT&E Project Justification: PB 2024 Air Force		Date: March 2023
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1203010SF / *Space Force IT, Data Analytics, Digital Solutions*	**Project (Number/Name)** 645620 / *Digital Engineering*

program increments. Each DEE Prototype Demo further improves the MLS infrastructure and furthers SDA, CP, and C2 capabilities, as well as mature emerging technologies. To deliver the cloud-based environment, an existing contract with Cloud One providers will be utilized to provide: the software licenses, computer hosting, and cybersecurity. In addition, Federally Funded Research and Development Centers (FFRDCs) will provide expertise to develop required DE capabilities as well as optimizing the software configurations to support needed features. Finally, a current SBIR Phase 3 contract will be used to implement new DE capabilities based on industry best practices including: the management of the Product Backlog, assisting with on-boarding new programs, building training for new users, providing system administrative support, and creating scripts and features allowing DE activities to be automated.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Air Force			Date: March 2023
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1203010SF / *Space Force IT, Data Analytics, Digital Solutions*	**Project (Number/Name)** 645620 / *Digital Engineering*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Digital Engineering MLS Prototyping	TBD	TBD : TBD	-	-		-		13.929	Apr 2024	-		13.929	Continuing	Continuing	-
Digital Engineering Integration and Test	TBD	TBD : TBD	-	-		-		10.000	Jan 2024	-		10.000	Continuing	Continuing	-
Science, Technology, and Research Studies	TBD	TBD : TBD	-	-		-		4.800	Oct 2024	-		4.800	Continuing	Continuing	-
Security Accreditation	TBD	TBD : TBD	-	-		-		1.000	Jan 2024	-		1.000	Continuing	Continuing	-
SE&I	TBD	TBD : TBD	-	-		-		5.000	Oct 2023	-		5.000	Continuing	Continuing	-
SBIR/STTR	TBD	TBD : TBD	-	-		-		1.254	May 2024	-		1.254	Continuing	Continuing	-
		Subtotal	-	-		-		35.983		-		35.983	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
IT Support	TBD	TBD : TBD	-	-		-		0.332	Oct 2024	-		0.332	Continuing	Continuing	-
		Subtotal	-	-		-		0.332		-		0.332	Continuing	Continuing	N/A

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
A&AS	TBD	TBD : TBD	-	-		-		3.000	Oct 2023	-		3.000	Continuing	Continuing	-
FFRDC	RO	Various : Various	-	-		-		1.000	Oct 2023	-		1.000	Continuing	Continuing	-
Other Support	TBD	TBD : TBD	-	-		-		0.500	Oct 2023	-		0.500	Continuing	Continuing	-
		Subtotal	-	-		-		4.500		-		4.500	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Air Force			Date: March 2023
Appropriation/Budget Activity 3620F / 4	R-1 Program Element (Number/Name) PE 1203010SF / *Space Force IT, Data Analytics, Digital Solutions*	Project (Number/Name) 645620 / *Digital Engineering*	

	Prior Years	FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-		-		40.815		-		40.815	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2024 Air Force		Date: March 2023
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1203010SF / *Space Force IT, Data Analytics, Digital Solutions*	**Project (Number/Name)** 645620 / *Digital Engineering*

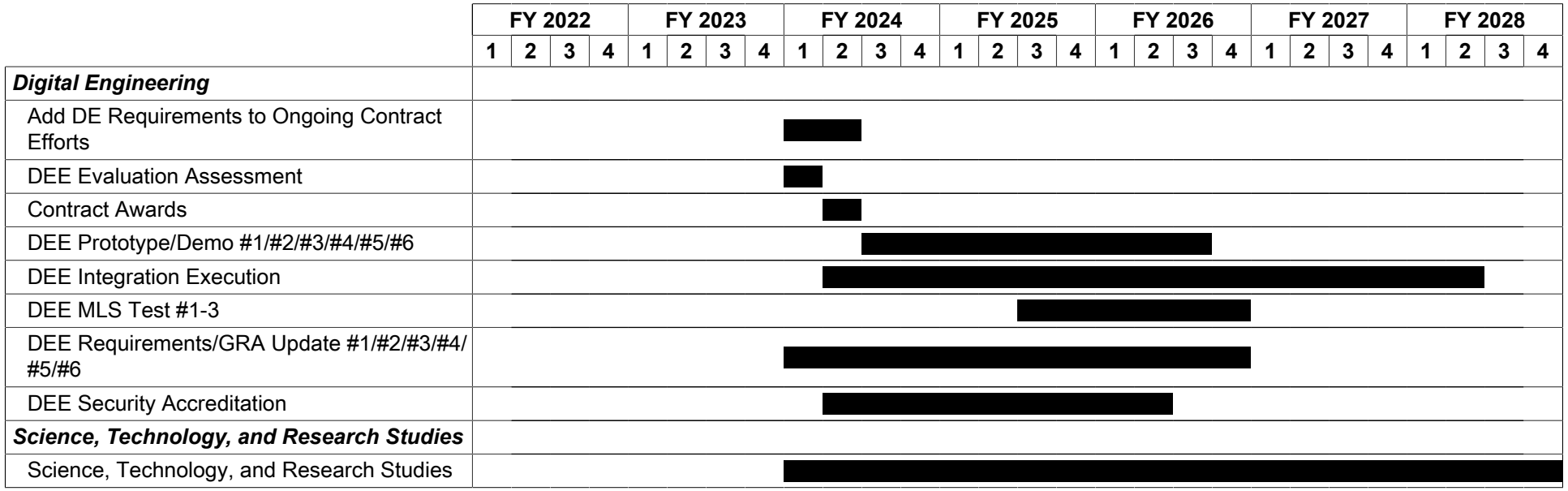

Exhibit R-4A, RDT&E Schedule Details: PB 2024 Air Force		Date: March 2023
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1203010SF / *Space Force IT, Data Analytics, Digital Solutions*	**Project (Number/Name)** 645620 / *Digital Engineering*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Digital Engineering				
Add DE Requirements to Ongoing Contract Efforts	1	2024	2	2024
DEE Evaluation Assessment	1	2024	1	2024
Contract Awards	2	2024	2	2024
DEE Prototype/Demo #1/#2/#3/#4/#5/#6	3	2024	3	2026
DEE Integration Execution	2	2024	2	2028
DEE MLS Test #1-3	3	2025	4	2026
DEE Requirements/GRA Update #1/#2/#3/#4/#5/#6	1	2024	4	2026
DEE Security Accreditation	2	2024	2	2026
Science, Technology, and Research Studies				
Science, Technology, and Research Studies	1	2024	4	2028

Exhibit R-2A, RDT&E Project Justification: PB 2024 Air Force			Date: March 2023
Appropriation/Budget Activity 3620F / 4	R-1 Program Element (Number/Name) PE 1203010SF / *Space Force IT, Data Analytics, Digital Solutions*	Project (Number/Name) 646017 / *SSC Developmental IT Infrastructure*	

COST ($ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
646017: *SSC Developmental IT Infrastructure*	-	0.000	0.000	20.908	0.000	20.908	21.345	21.794	22.255	22.723	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY 2024, 20.814M was transferred from all Space Systems Command (SSC) program elements to PE 1203010SF, Space Force IT, Data Analysis, Digital Solutions, Project 646017, SSC Developmental IT Infrastructure, for SSC Chief Information Office Headquarters functions and integrated cybersecurity. It is not a New Start.

A. Mission Description and Budget Item Justification

SSC Developmental IT Infrastructure supports information technology (IT), cybersecurity, software, data and network modernization. Information Technology provides customers proper tools needed to accomplish their mission. These tools enhance customer collaboration, end-user experience, exploration and integration amongst our mission partners and industry. SSC Developmental IT Infrastructure cybersecurity helps assess technical risks associated with use, by understanding the System and Enterprise-level risks posed by threats based on deployment and gathered intelligence. The software sector aims to bring Software Agile best practices as mainstream into acquisition; it also enables Platform and Infrastructure at scale based on mission thread needs. The SSC Developmental IT infrastructure provides deliberate data exposure and "normalizes" the data to make it meaningful and useful for any business or mission use case that desires to exploit it. The network modernization improves and optimizes administrative/mission networks and end-user experiences across several enclaves. The SSC Developmental IT Infrastructure also furnishes internal management of requirements, funding, contract actions, and PM support/training relating to the SSC Chief Information Office.

Space acquisition must respond with speed and agility to emerging adversary threats. SSC has transformed the organization and implementation of space acquisition to an enterprise approach, to increase innovation and resiliency, leveraging international, commercial, and mission partnerships, and managing program/project priorities according to an integrated unclassified/classified enterprise space architecture. Cross mission integration is essential to ensure existing and future systems are capable of digital processing and technologies.

This program element may include necessary support required to ensure a cyber-secure and resilient IT infrastructure.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
Title: SSC Developmental IT Infrastructure	-	0.000	20.908
Description: SSC Developmental IT Infrastructure, is a USSF initiative that aims to drive effective, resilient, innovative, and cyber-secure solutions and IT across Space Systems Command, to meet warfighter and business needs.			
FY 2023 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2024 Air Force		Date: March 2023
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1203010SF / *Space Force IT, Data Analytics, Digital Solutions*	**Project (Number/Name)** 646017 / *SSC Developmental IT Infrastructure*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
N/A ***FY 2024 Plans:*** SSC Developmental IT Infrastructure plans to provide customers proper tools needed to accomplish their mission; these tools bring parity between personal and work-IT experiences to increase efficiency, efficacy, and workforce morale. The network infrastructure sector plans to implement Enterprise IT as a Service (EITaaS), zero-trust integration, and the Digital Engineering Environment (DEE) framework. SSC Developmental IT Infrastructure cybersecurity will execute various efforts to help assess technical risks associated with threats based on deployment and gathered intelligence. Those efforts include, but are not limited to, implementing: a Strategic Cybersecurity Program (CSP), a Cybersecurity Operations Center, a cyber assessment program, and vulnerability management program. The software sector aims to bring Software Agile and DevSecOps best practices as mainstream into acquisition; it plans to enable Platform and Infrastructure at scale based on mission thread needs. The SSC Developmental IT infrastructure plans to provide data exposure and "normalize" the data by aligning data strategies, scaling to include various entities, and deliver Dashboards for administration and mission support. The SSC Developmental IT Infrastructure will continue to support internal management of requirements, funding, contract actions, and PM support/training relating to the SSC Chief Information Office. ***FY 2023 to FY 2024 Increase/Decrease Statement:*** FY 2024 increased due to transfer to consolidate funding for SSC Chief Information Office Headquarters functions and integrated cybersecurity			
Accomplishments/Planned Programs Subtotals	-	0.000	20.908

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

SSC/CIO will utilize the most practical vehicle(s) and methods available within Federal Acquisition Regulation (FAR) and non-FAR contracts, agreements and solicitation methods. All contracts funded in this program element will be awarded using competitive procedures to the maximum extent possible. Contract and/or agreement award is expected in FY2024.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Air Force			Date: March 2023
Appropriation/Budget Activity 3620F / 4	R-1 Program Element (Number/Name) PE 1203010SF / *Space Force IT, Data Analytics, Digital Solutions*	Project (Number/Name) 646017 / *SSC Developmental IT Infrastructure*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
SSC Developmental IT Infrastructure	TBD	Various : TBD	-	-		-		4.708	Jan 2024	-		4.708	Continuing	Continuing	-
		Subtotal	-	-		-		4.708		-		4.708	Continuing	Continuing	N/A

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
A&AS	Various	Not specified. : TBD	-	-		-		7.667	Jan 2024	-		7.667	Continuing	Continuing	-
FFRDC	Various	Not specified. : TBD	-	-		-		8.533	Jan 2024	-		8.533	Continuing	Continuing	-
		Subtotal	-	-		-		16.200		-		16.200	Continuing	Continuing	N/A

	Prior Years	FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-		-		20.908		-		20.908	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2024 Air Force		Date: March 2023
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1203010SF / *Space Force IT, Data Analytics, Digital Solutions*	**Project (Number/Name)** 646017 / *SSC Developmental IT Infrastructure*

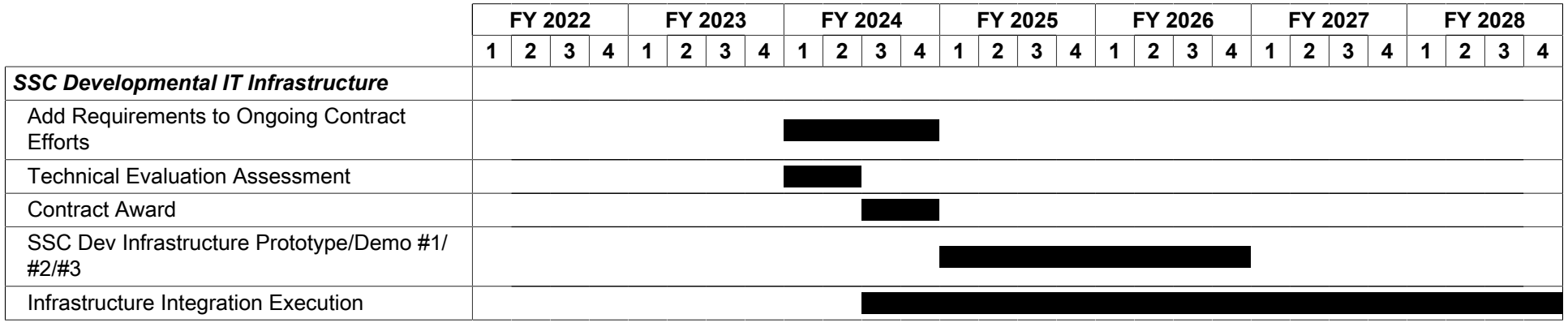

Exhibit R-4A, RDT&E Schedule Details: PB 2024 Air Force		Date: March 2023
Appropriation/Budget Activity 3620F / 4	**R-1 Program Element (Number/Name)** PE 1203010SF / *Space Force IT, Data Analytics, Digital Solutions*	**Project (Number/Name)** 646017 / *SSC Developmental IT Infrastructure*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
SSC Developmental IT Infrastructure				
Add Requirements to Ongoing Contract Efforts	1	2024	4	2024
Technical Evaluation Assessment	1	2024	2	2024
Contract Award	3	2024	4	2024
SSC Dev Infrastructure Prototype/Demo #1/#2/#3	1	2025	4	2026
Infrastructure Integration Execution	3	2024	4	2028